

17/19-INCH VALUE TTF-LCD MONITOR



INSTRUCTION MANUAL

Please read this manual thoroughly before use, and keep it handy for future reference.

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This Monitor was
Manufactured by ISO 9001
Certified Factory

SAFETY INSTRUCTION

Important Safety Instruction

1. Read these instructions.
2. Keep these Instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug.
A polarized plug has two blades with one wider than the other.
A grounding type plug has two blades and a third grounding prong.
The wide blade or the third prong are provided for your safety.
If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles and the point where they exit from the apparatus.
11. Only use attachment/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus the apparatus has been exposed to rain or moisture does not operate normally or has been dropped.

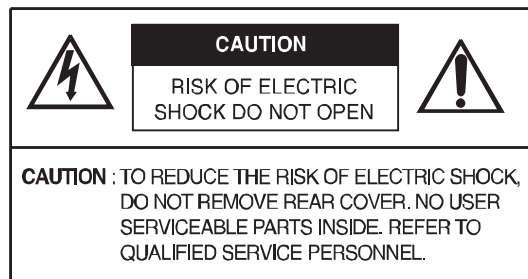


SAFETY INSTRUCTION

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Minimum distances(e.g. 10cm) around the apparatus for sufficient ventilation.

“WARNING - To reduce the risk of fire or electric shock, do not expose the apparatus to rain or moisture.”

“The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.”



This symbol is intended to alert the user to the presence of uninsulated : dangerous voltage with in the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

CAUTIONS

CAUTION

The power supply cord is used as the main disconnect device, ensure that the socket-outlet is located/installed near the equipment and is easily accessible.

ATTENTION

Le cordon d'alimentation est utilisé comme interrupteur général. La prise de courant doit être située ou installée à proximité du matériel et être facile d'accès

CAUTION TO SERVICE PERSONNEL

POWER SUPPLY CORD IS USED AS MAIN POWER DISCONNECT DEVICE IN THIS PRODUCT. UNPLUG THIS PRODUCT FROM THE WALL OUTLET BEFORE REMOVING THE BACK COVER AND SERVICING

EMISSION CHARACTERISTICS TESTED BY SEMKO

THIS PRODUCT HAS BEEN TESTED AND HAS SHOWN COMPLIANCE WITH THE NATIONAL SPECIFICATIONS SUCH AS SWEDISH MPR 1990.10.(MPR II)

► NEVER REMOVE THE BACK COVER

Removal of the back cover should be carried out only by qualified personnel.

► DO NOT USE IN HOSTILE ENVIRONMENTS

To prevent shock or fire hazard, do not expose the unit to rain or moisture.

This unit is designed to be used in the office or home. Do not subject the unit to vibrations, dust or corrosive gases.

► KEEP IN A WELL VENTILATED PLACE

Ventilation holes are provided on the cabinet to prevent the temperature from rising.

Do not cover the unit or place anything on the top of unit.

► AVOID HEAT

Avoid placing the unit in direct sunshine or near a heating appliance.

► TO ELIMINATE EYE FATIGUE

Do not use the unit against a bright back ground and where sunlight or other light sources will shine directly on the monitor.

► BE CAREFUL OF HEAVY OBJECT

Neither the monitor itself nor any other heavy object should rest on the power cord.

Damage to a power cord can cause fire or electrical shock.

FCC RF INTERFERENCE STATEMENT

NOTE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio, TV technician for help.
- Only shielded interface cable should be used.

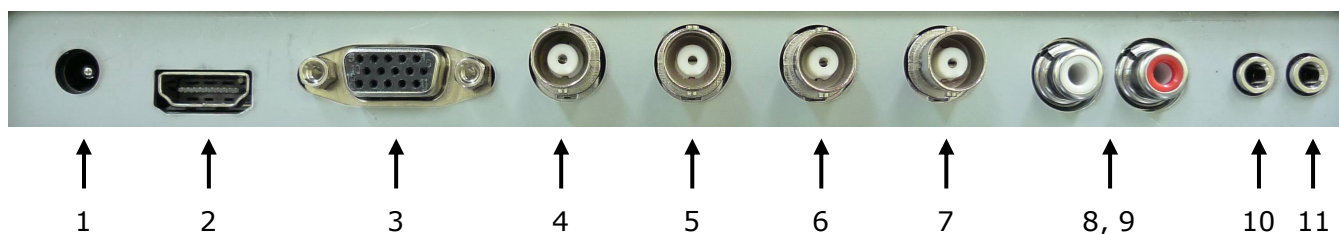
Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

► DOC COMPLIANCE NOTICE

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the radio interference regulation of Canadian Department of communications.

CONNECTING WITH EXTERNAL EQUIPMENT

A. BOTTOM PANEL CONTROL



1. DC 12V IN
2. HDMI IN
3. VGA(D-SUB) IN
4. VIDEO1(AV1) IN
5. VIDEO1(AV1) OUT
6. VIDEO2(AV2) IN
7. VIDEO2(AV2) OUT
- 8, 9. AUDIO IN(R+L) for AV1, AV2
10. PC STEREO IN
11. TRIGGER INPUT

REMOTE FUNCTIONS

B. REMOTE CONTROLLER (Option)

1. POWER()

Turn the power ON or OFF. There will be a few seconds delay before the display appears.

2. SOURCE

Select pc or video(AV1/AV2/HDMI/PC) sources.

3. AUTO

Auto geometry adjustment in PC Source.

4. HOLD

Stop the Trigger & Auto switching functions.

5. MUTE

Mute the sound.

6. MENU

Activates and exits the On Screen Display.

7. EXIT

Exit the On Screen Display.

8. VOL()

Increases or decreases the level of audio volume.

9. UP/DOWN

Move to OSD menu.

10. SOURCE/SELECT

Accept your selection or displays the current mode.

11. INFO

Input mode information Display.

12. STILL

Stop the picture.

13. PIP (Picture In Picture)

Activate PIP mode.

14. P.INPUT

Change source of sub picture in PIP mode.

15. P.POS

Move the position of sub picture for PIP mode.

16. P.SIZE

Change the size of sub and main picture for PIP mode.

17. SWAP

Alternates between main and sub picture.

18. ARC (Aspect Ratio Control)

Select screen ratio.

19. APC (Auto Picture Control)

Select picture mode.

20. ACC (Auto Color Control)

Select Colour mode.

21. S.SET

Select Sound mode main input or sub input

22. PC

Select PC mode(PC, HDMI).

23. AV

Select AV mode.(AV1, AV2).

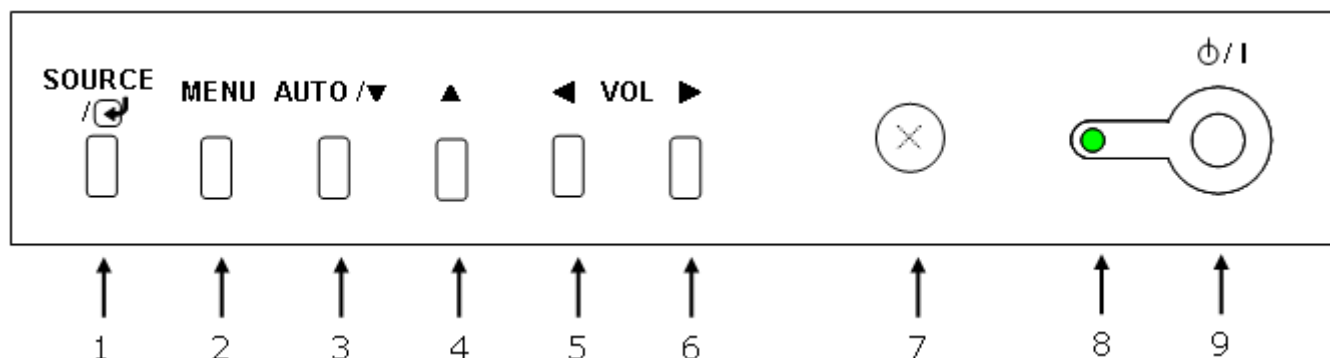
24. COMP

Select COMPONENT mode(Unavailable).



CONTROLS AND FUNCTIONS

C. FRONT KEY CONTROL



1. SOURCE/□

Select input source, and move the previous menu.

2. MENU

Activates and exits the On Screen Display.

This button can also be used to move previous menu or status.

3, 4. AUTO/▼, ▲

These buttons allow user to move the sub-menu of the activated function.

AUTO/▼ : Auto geometry adjustment

5 / 6. ◀ VOL ▶

Adjust the volume and menu settings.

7. IR Sensor

Remote controller sensor.

8. POWER LED

The power LED lights with green when the power is turned ON.

The power is turned off by pressing the power switch again and the power LED goes to off.

9. POWER ON/OFF(⏻ / I)






Turns the power ON or OFF. There will be a few seconds delay before the display appears.

CONTROLS AND FUNCTIONS

OSD MENU DESCRIPTION

A: Custom Menu (Only Video Input)

Custom



Brightness

Contrast

Color

Tint

Sharpness

50

80

50

50

50

▲/▼:MOVE ⊕:ENTER MENU:EXIT

Custom



Brightness

Contrast

Color

Tint

Sharpness

50

80

50

50

50

Brightness

50

▲/▼:MOVE ◀/▶:ADJUST MENU:RETURN

- 1) Press the MENU button and then press the up(▲) or down(▼) button to select the Custom.
- 2) Press the up(▲) or down(▼) button to select the sub menu.
- 3) Press the left(◀) or right(▶) button to adjust the picture setting.
- 4) Press the MENU button to save.

Brightness: Increase or decrease the intensity of the image.

Contrast: Increase or decrease the intensity (lightness or dimness) of the image.

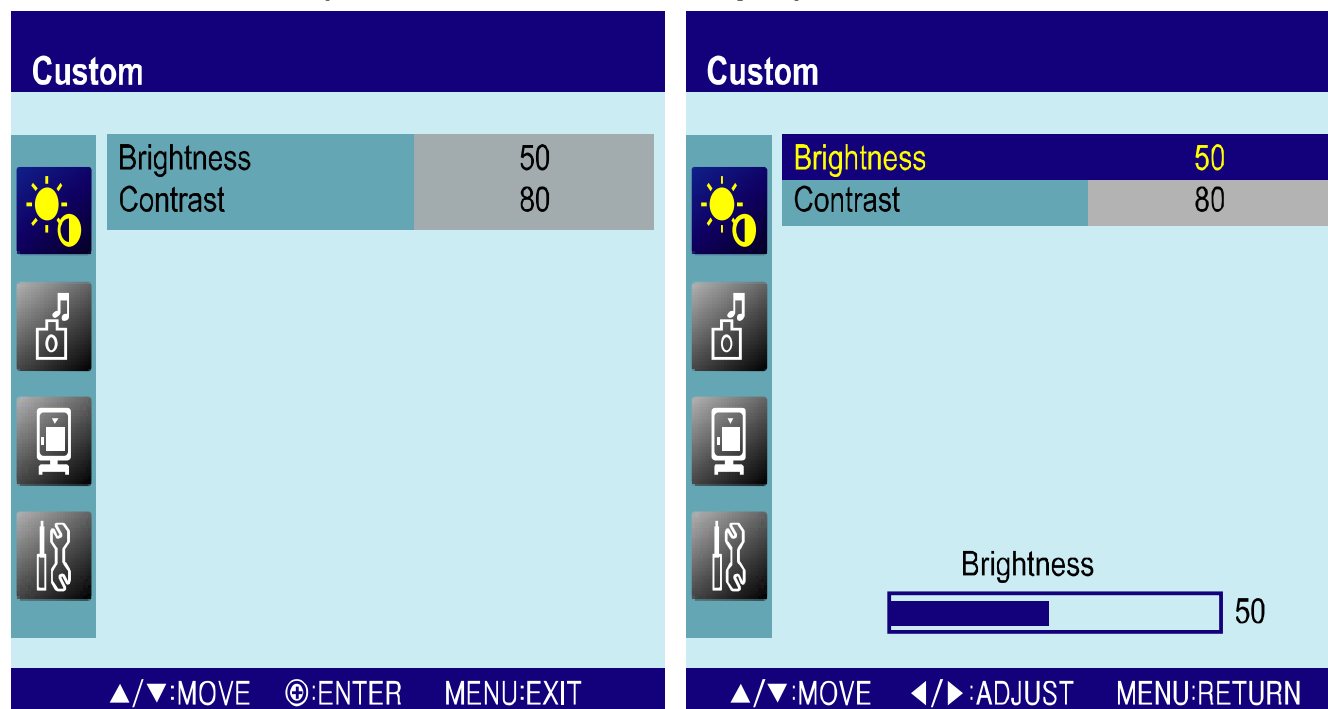
Color: Increase or decrease the colour of the picture.

Tint: Increase or decrease the tint of the picture.

Sharpness: Increase or decrease the sharpness of the picture.

CONTROLS AND FUNCTIONS

A: Custom Menu (For RGB-PC & HDMI Input)















- 1) Press the MENU button and then press the up(▲) or down(▼) button to select the Custom.
- 2) Press the up(▲) or down(▼) button to select the sub menu.
- 3) Press the left(◀) or right(▶) button to adjust the picture setting.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

B. Picture / Sound Menu (Only Video Input)

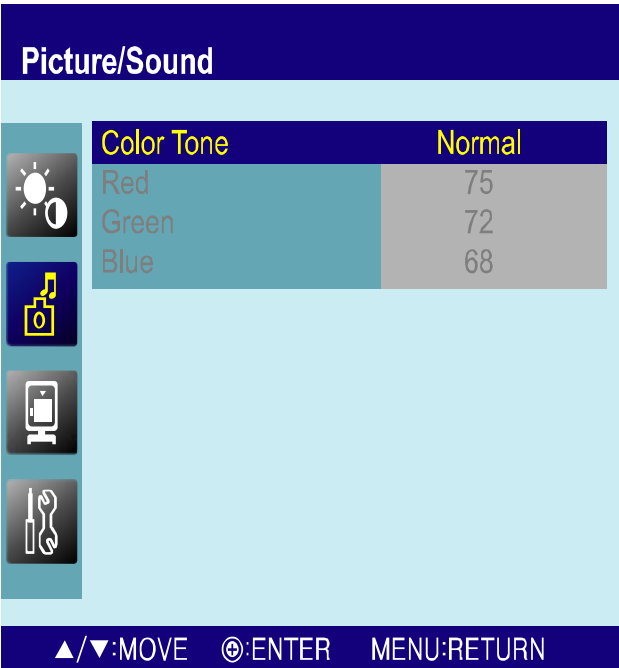
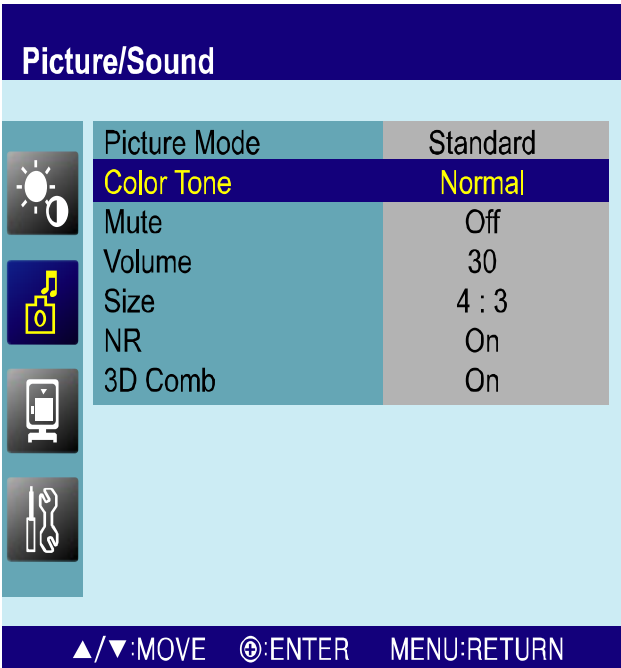
1. Picture Mode

Picture/Sound		
   	Picture Mode	Standard
	Color Tone	Normal
	Mute	Off
	Volume	30
	Size	4 : 3
   	Picture Mode	Custom
	Color Tone	Dynamic
	Mute	Standard
	Volume	Movie
	Size	Mild
   	NR	On
	3D Comb	On
▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the MENU button and then press the up(▲) or down(▼) button to select the Picture / Sound.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the Picture Mode.
- 4) Press the right(▶) or SOURCE/□ button.
- 5) Press the up(▲) or down(▼) button to select the Picture Mode option.
- 6) Press the MENU button to save

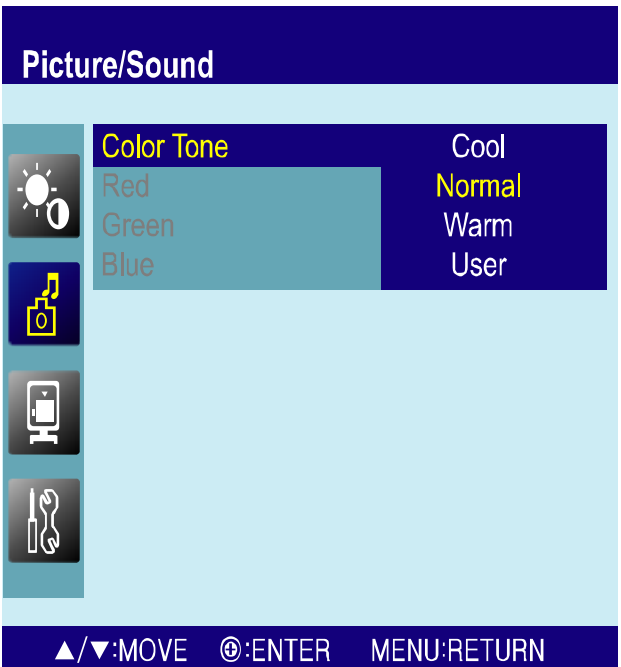
CONTROLS AND FUNCTIONS

2-1. Color Tone



1) Press the up(▲) or down(▼) button to select the Color Tone.

2) Press the right(▶) or SOURCE/□ button.



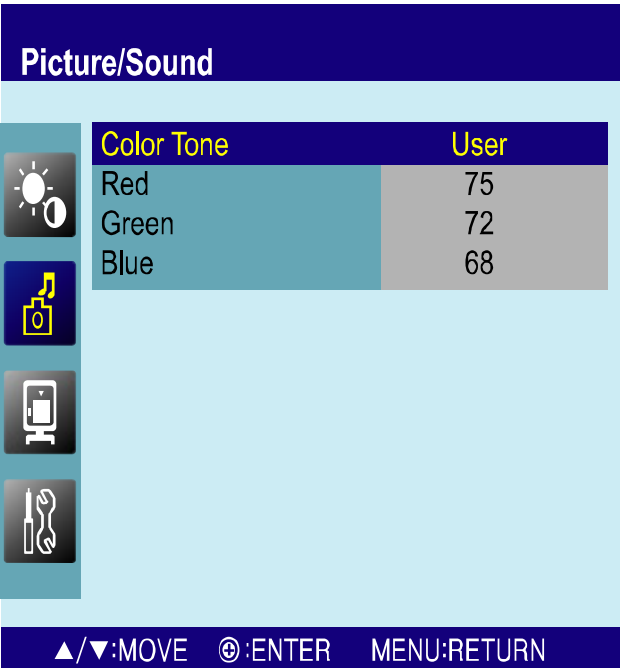
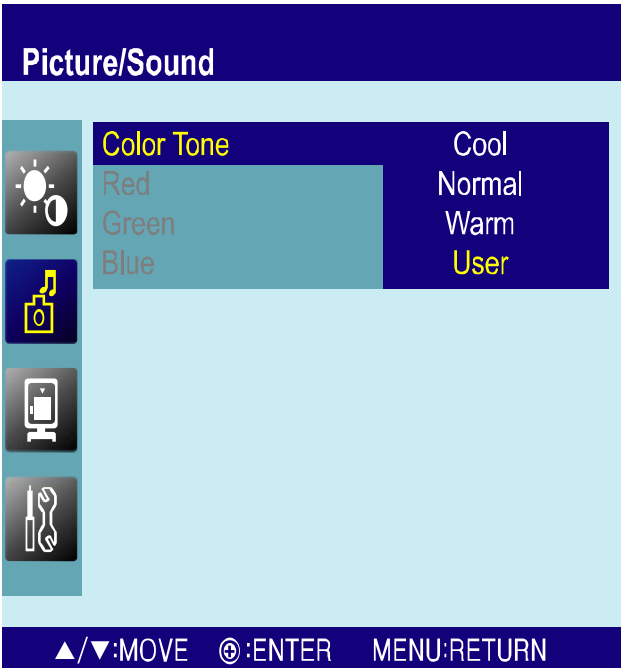
3) Press the right(▶) or SOURCE/□ button again.

4) Press the up(▲) or down(▼) button to select the Color Tone option.

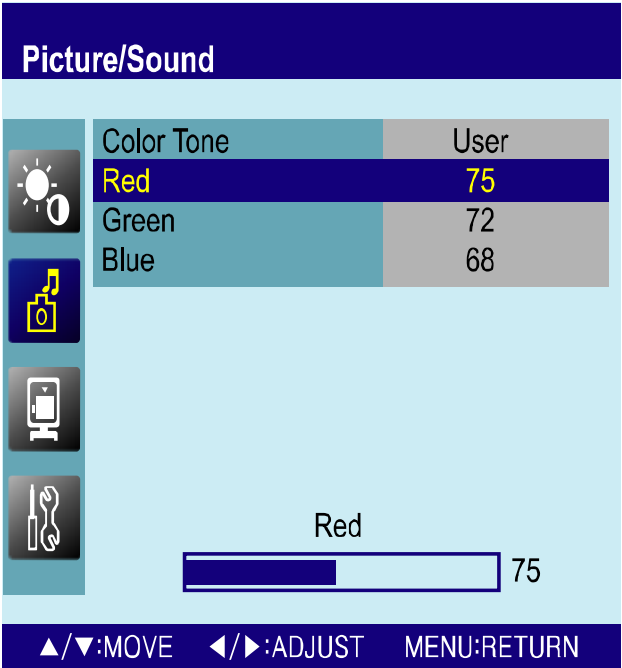
5) Press the MENU button to save.

CONTROLS AND FUNCTIONS

2-2. Color Tone (User)











- 1) Press the up(▲) or down(▼) button to select the User.
- 2) Press the MENU button.
- 3) Press the up(▲) or down(▼) button to select the User option.



- 4) Press the left(◀) or right(▶) button to adjust the Red, Green or Blue setting.
- 5) Press the MENU button to save.

CONTROLS AND FUNCTIONS

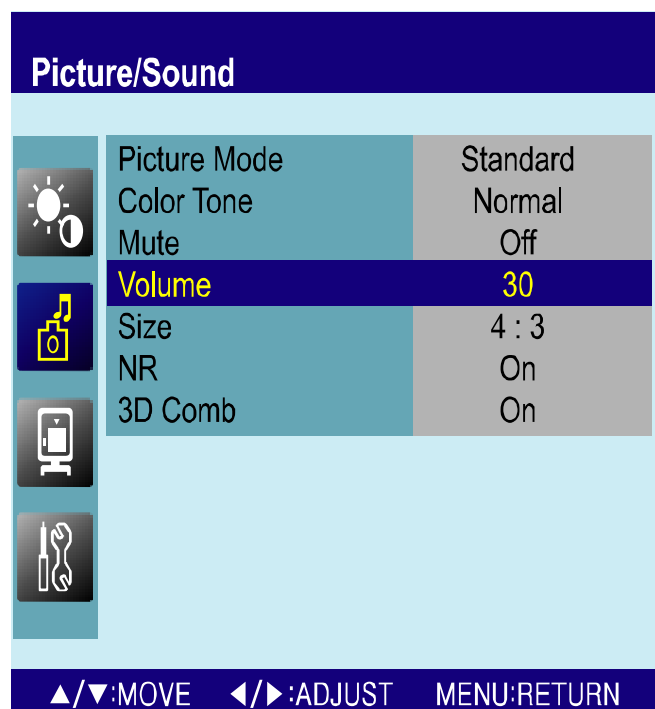
3. Mute

Picture/Sound			Picture/Sound		
	Picture Mode	Standard		Picture Mode	Standard
	Color Tone	Normal		Color Tone	Normal
	Mute	Off		Mute	Off
	Volume	30		Volume	On
	Size	4 : 3		Size	4 : 3
	NR	On		NR	On
	3D Comb	On		3D Comb	On
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the up(▲) or down(▼) button to select the Mute.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS









4. Volume



- 1) Press the up(▲) or down(▼) button to select the Volume
- 2) Press the left(◀) or right(▶) button to adjust Volume setting.
- 3) Press the MENU button to save.

CONTROLS AND FUNCTIONS









5. Size

Picture/Sound			Picture/Sound		
	Picture Mode	Standard		Picture Mode	4 : 3
	Color Tone	Normal		Color Tone	Panorama
	Mute	Off		Mute	Zoom1
	Volume	30		Volume	Zoom2
	Size	4 : 3		Size	Wide
	NR	On		NR	Under
	3D Comb	On		3D Comb	1 : 1
					
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the up(▲) or down(▼) button to select the Size
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the Size option.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS





6. NR (Noise Reduction)

Picture/Sound			Picture/Sound		
	Picture Mode	Standard		Picture Mode	Standard
	Color Tone	Normal		Color Tone	Normal
	Mute	Off		Mute	Off
	Volume	30		Volume	30
	Size	4 : 3		Size	Off
	NR	On		NR	On
	3D Comb	On		3D Comb	On
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the up(▲) or down(▼) button to select the NR.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

7. 3D Comb

Picture/Sound		
   	Picture Mode	Standard
	Color Tone	Normal
	Mute	Off
	Volume	30
	Size	4 : 3
	NR	On
	3D Comb	On

▲/▼:MOVE ⊕:ENTER MENU:RETURN


- 1) Press the up(▲) or down(▼) button to select the 3D Comb.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

B. Picture / Sound Menu (For RGB-PC & HDMI Input)

1. Size

Picture/Sound




Picture Mode
Color Tone
Mute
Volume


Standard
Normal
Off
30

Size
4 : 3


PC



Size




PC



▲/▼:MOVE ⊕:ENTER MENU:RETURN

Picture/Sound




Picture Mode
Color Tone
Mute
Volume


Standard
Normal
Off
30

Size
Wide


PC



Size



PC



▲/▼:MOVE ⊕:ENTER MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Size.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Size option.





INSTRUCTION MANUAL

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CONTROLS AND FUNCTIONS

2. PC (Only RGB-PC Input)

Picture/Sound



Picture Mode

Color Tone

Mute

Volume

Size

PC

Standard

Normal





Off

30

4 : 3

▲/▼:MOVE ⊕:ENTER MENU:RETURN

Picture/Sound



Auto Adjust

Phase

H.Position

V.Position

Frequency

13

50

50

18

▲/▼:MOVE ⊕:ENTER MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the PC.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the PC sub menu.
- 4) Press the right(▶) or SOURCE/□ button.
- 5) Press the left(◀) or right(▶) button to adjust the PC setting.
- 6) Press the MENU button to save.

Auto Adjust: Auto geometry adjustment.

Phase: Adjust the number of horizontal picture elements.

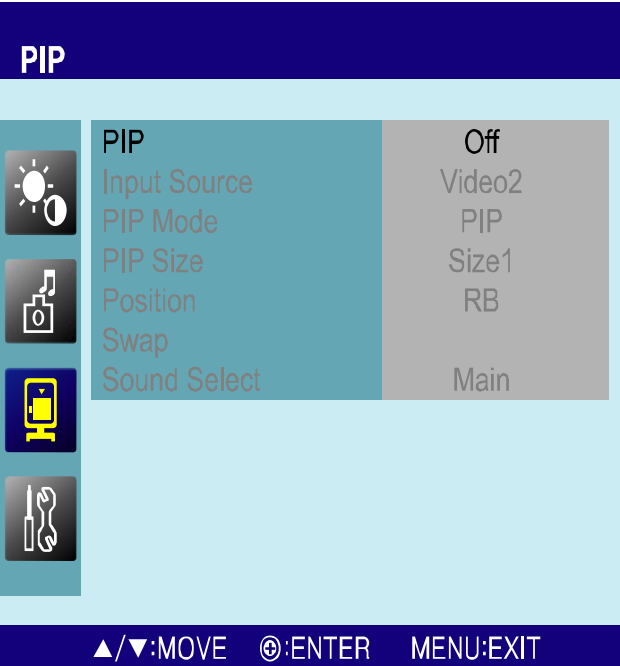
H-Position: Move image horizontally on screen right or left.

V-Position: Move image vertically on screen up or down.

Frequency: Adjust the vertical noise of screen image.

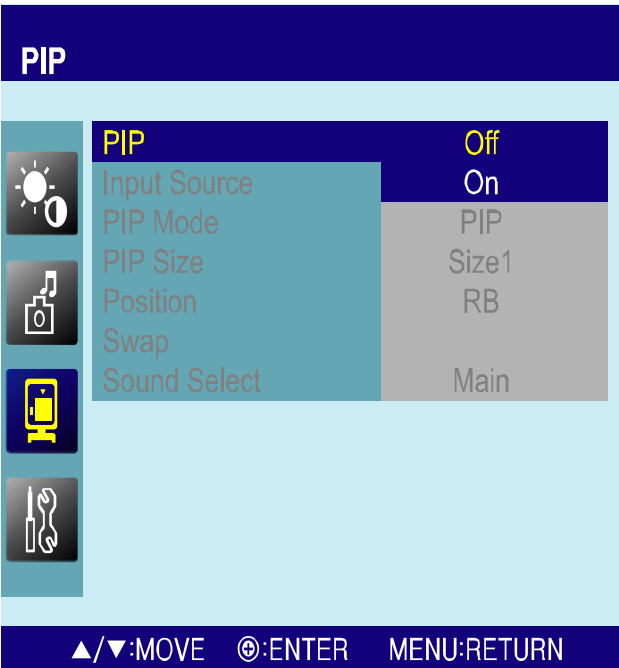
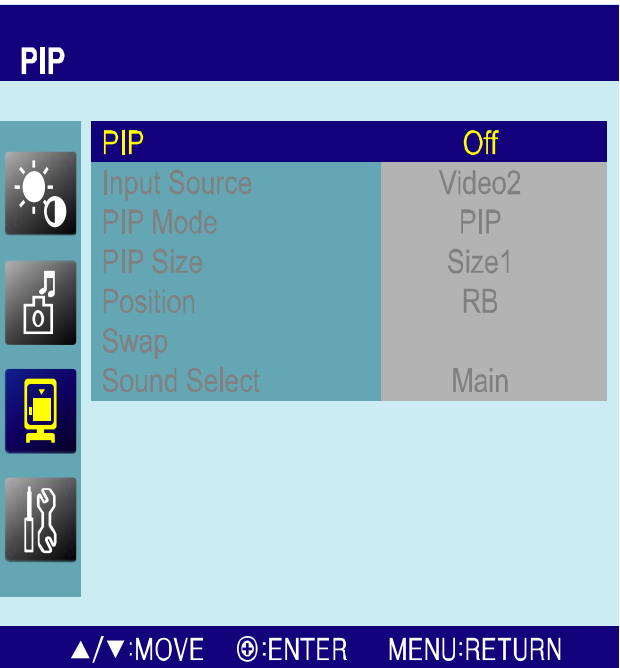
CONTROLS AND FUNCTIONS

C. PIP Menu



1) Press the MENU button and then press the up(▲) or down(▼) button to select the PIP.

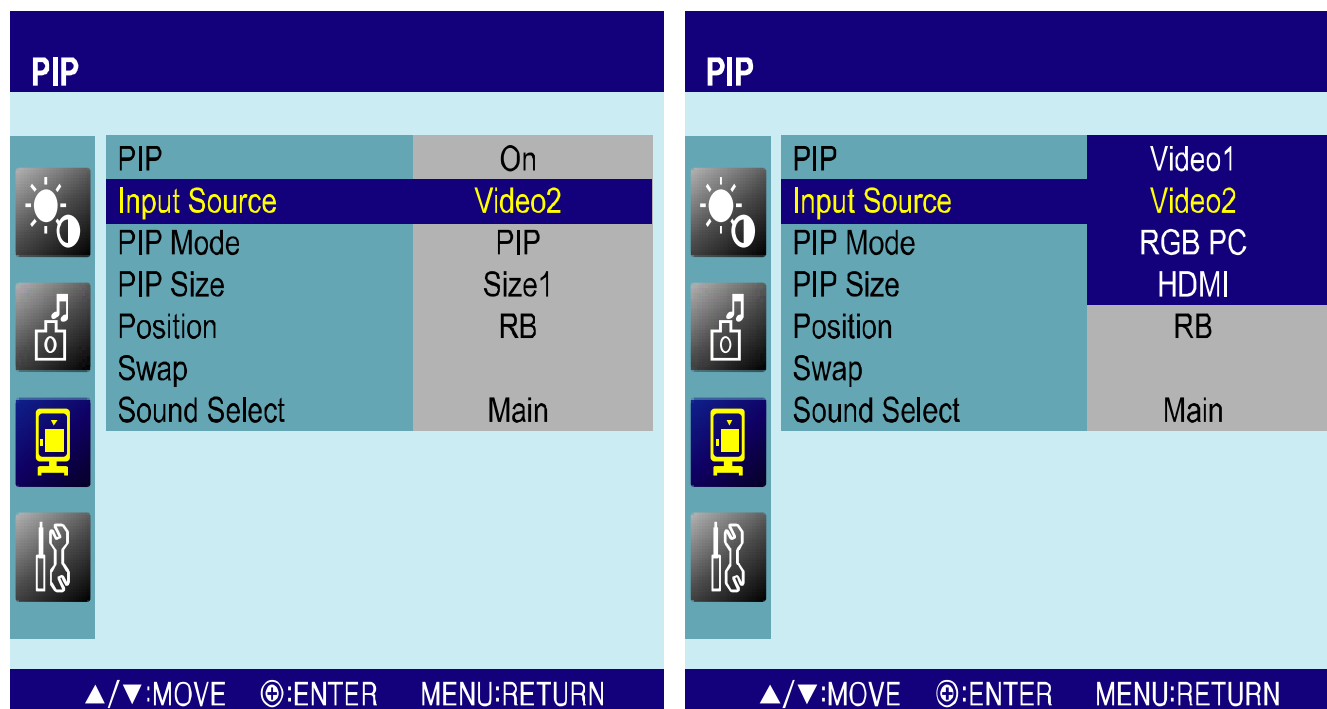
1. PIP



- 1) Press the right(▶) or SOURCE/ button.
- 2) Press up(▲) or down(▼) button to select the On or Off.
- 3) Press the MENU button to save.

CONTROLS AND FUNCTIONS

2. Input Source



- 1) Press the up(▲) or down(▼) button to select the Input Source.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the Source option.
- 4) Press the MENU button to save.

※ Possible PIP Combination

Main	Sub
Video	Video
Video	RGB PC or HDMI
RGB PC or HDMI	Video

※ Impossible PIP Combination

Main	Sub
RGB PC or HDMI	RGB PC or HDMI

CONTROLS AND FUNCTIONS

3. PIP Mode

PIP

PIP

On

Input Source

Video2

PIP Mode

PIP

PIP Size

Size1

Position

RB

Swap












Sound Select

Main

▲/▼:MOVE

⊕:ENTER

MENU:RETURN

PIP		
    	PIP	On
	Input Source	Video2
	PIP Mode	PIP
	PIP Size	PBP1
	Position	PBP2
 	Swap	
	Sound Select	Main
 		
 		

- 1) Press the up(▲) or down(▼) button to select the PIP Mode.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the PIP Mode option.
- 4) Press the MENU button to save.

✱ **PBP1**









Main image	Sub image

✱ **PBP2**

Main image	Sub image
------------	-----------

CONTROLS AND FUNCTIONS









4. PIP Size

PIP			PIP		
	PIP	On		PIP	On
	Input Source	Video2		Input Source	Video2
	PIP Mode	PIP		PIP Mode	Size1
	PIP Size	Size1		PIP Size	Size2
	Position	RB		Position	Size3
	Swap			Swap	
	Sound Select	Main		Sound Select	Main
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the up(▲) or down(▼) button to select the Size.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Size option.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

5. Position

PIP			PIP		
	PIP	On		PIP	On
	Input Source	Video2		Input Source	Video2
	PIP Mode	PIP		PIP Mode	RB
	PIP Size	Size1		PIP Size	LB
	Position	RB		Position	LT
	Swap			Swap	RT
	Sound Select	Main		Sound Select	Main
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		


- 1) Press the up(▲) or down(▼) button to select the Position.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Position option.
- 4) Press the MENU button to save.

※ RB: Right of Bottom, LB: Left of Bottom, LT: Left of Top & RT: Right of Top.

CONTROLS AND FUNCTIONS

6. Swap

PIP





PIP
Input Source
PIP Mode
PIP Size
Position

On
Video2
PIP
Size1
RB

Swap

Sound Select
Main





▲/▼:MOVE

Ⓢ:ENTER

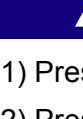




MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Swap.
- 2) Press the right(▶) or SOURCE/📺 button to swap the main image for the sub one.

CONTROLS AND FUNCTIONS

7. Sound Select

PIP



PIP

Input Source

PIP Mode

PIP Size

Position

Swap

Sound Select

On

Video2

PIP

Size1

RB






Main

▲/▼:MOVE

⊕:ENTER

MENU:RETURN

PIP



PIP

Input Source

PIP Mode

PIP Size

Position

Swap

Sound Select

On

Video2

PIP

Size1

RB

Main

Sub

▲/▼:MOVE

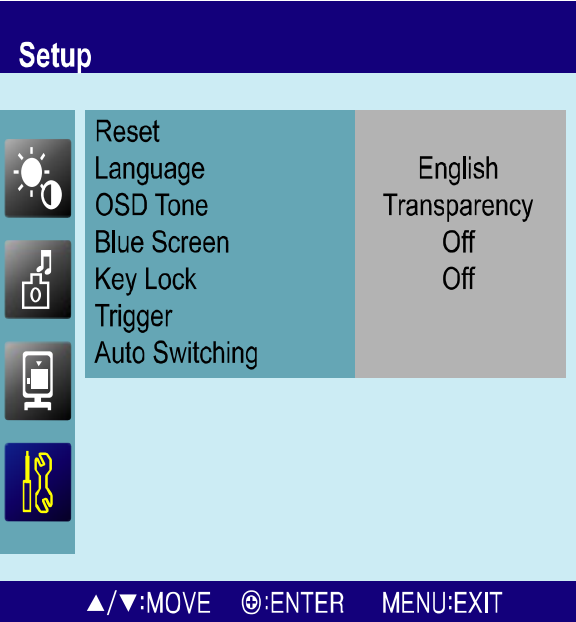
⊕:ENTER

MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Sound Select.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Sound Select option.
- 4) Press the MENU button to save.

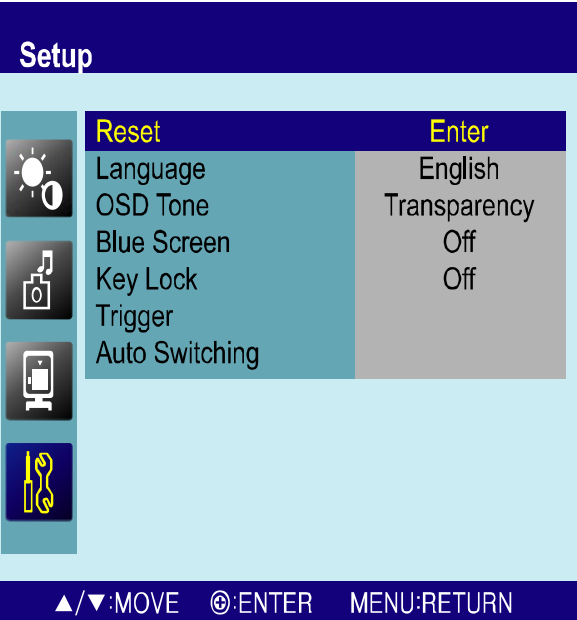
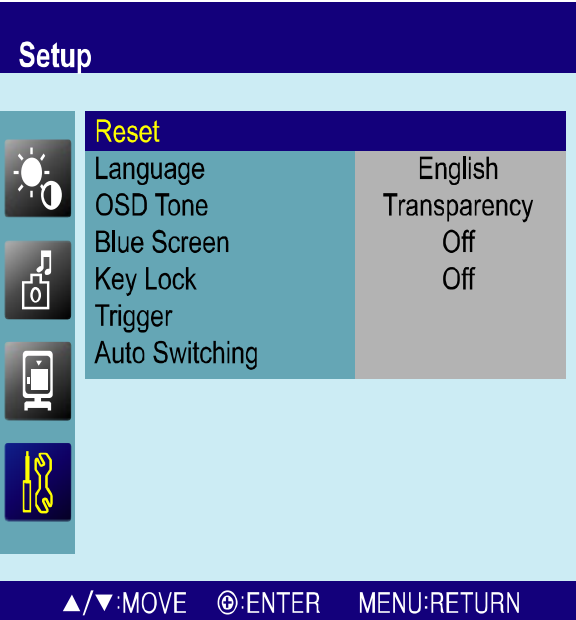
CONTROLS AND FUNCTIONS

D. Setup Menu



1) Press the MENU button and then press the up(▲) or down(▼) button to select the Setup.

1. Reset

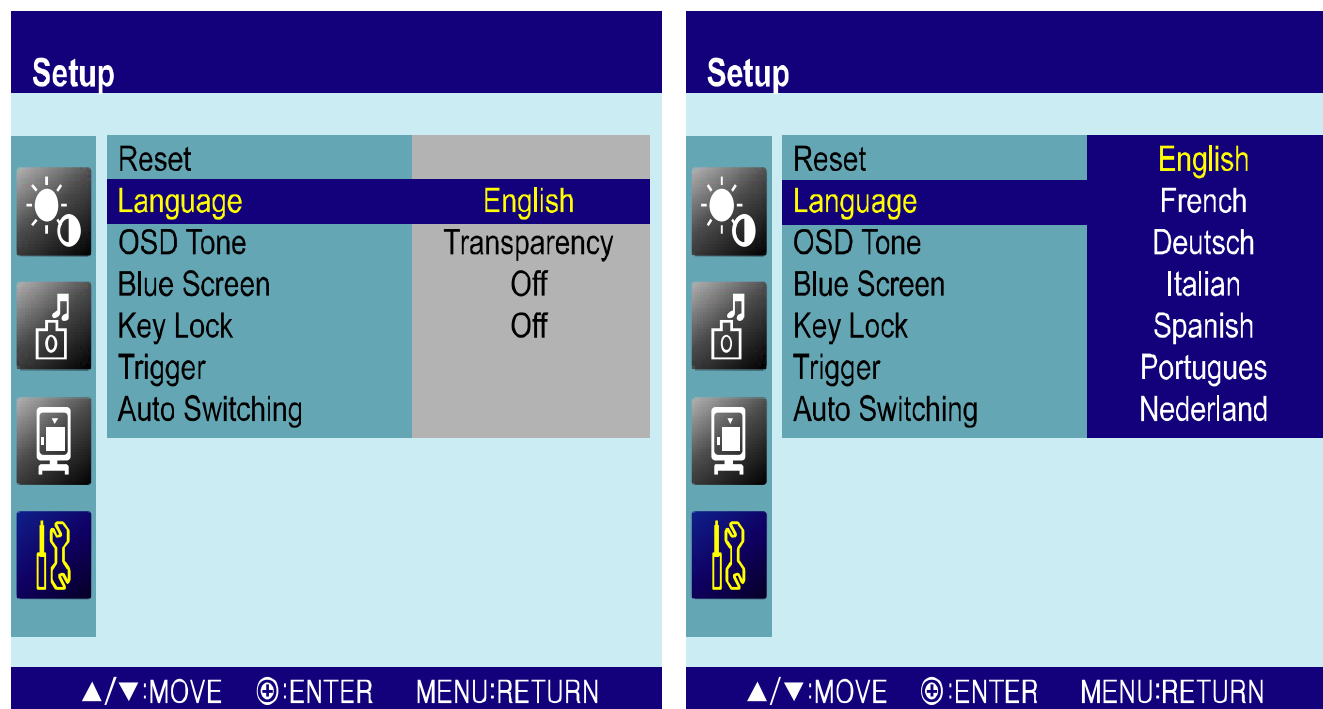


- 1) Press the right(▶) or SOURCE/ button
- 2) Press the right(▶) or SOURCE/ button again.
- 3) Press SOURCE/ button to execute the reset.

Reset: All settings go to the factory initialization.

CONTROLS AND FUNCTIONS

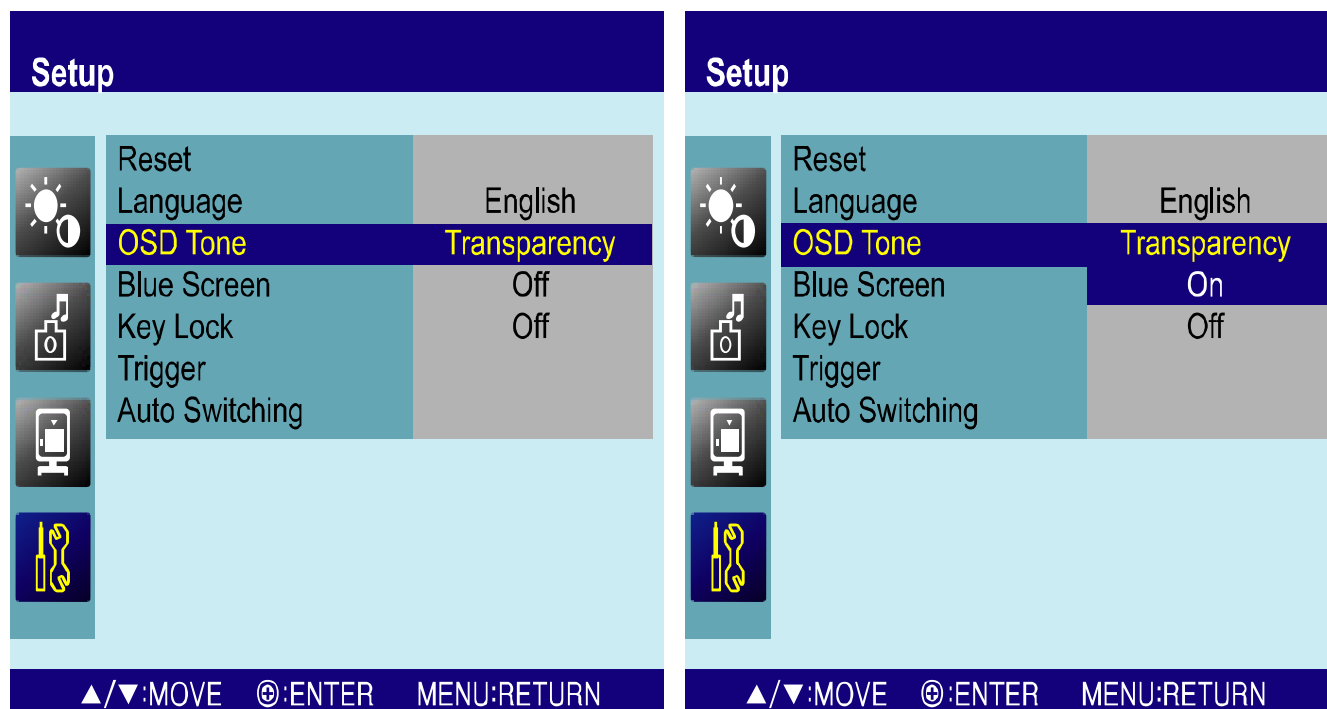
2. Language



- 1) Press the up(▲) or down(▼) button to select the Language.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select language.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

3. OSD Tone




- 1) Press the up(▲) or down(▼) button to select the OSD Tone.
- 2) Press the right(▶) or SOURCE/□ button
- 3) Press the up(▲) or down(▼) button to select the OSD Tone option.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS


4. Blue Screen

Setup


Reset

Language


English

OSD Tone


Transparency


Blue Screen


Off


Key Lock

Off

Trigger

Auto Switching

▲/▼:MOVE

⊕:ENTER

MENU:RETURN

Setup

Reset

Language

English

OSD Tone

Transparency

Blue Screen

Off

Key Lock

On

Trigger

Auto Switching

▲/▼:MOVE

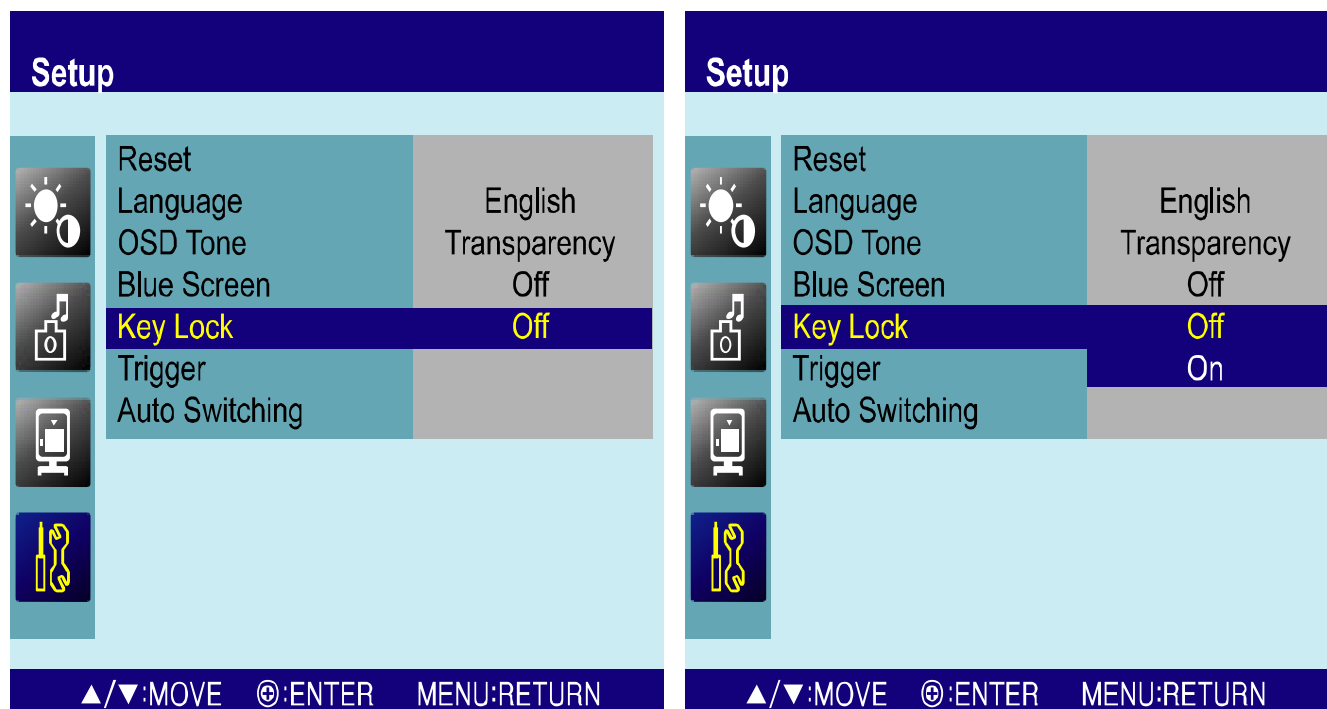
⊕:ENTER

MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Blue Screen.
- 2) Press the right(▶) or SOURCE/ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the MENU button to save.

CONTROLS AND FUNCTIONS

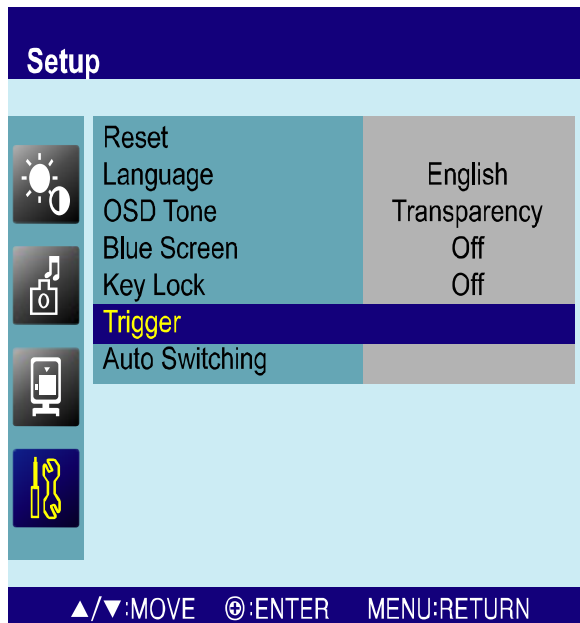
5. Key Lock



- 1) Press the up(▲) or down(▼) button to select the Key Lock.
- 2) Press the right(▶) or SOURCE/□ button
- 3) Press the up(▲) or down(▼) button to select the On or Off
- 4) Press the MENU button to save.

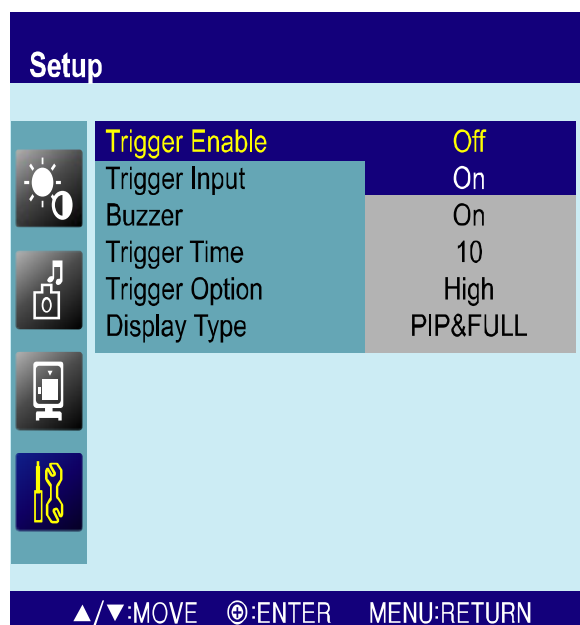
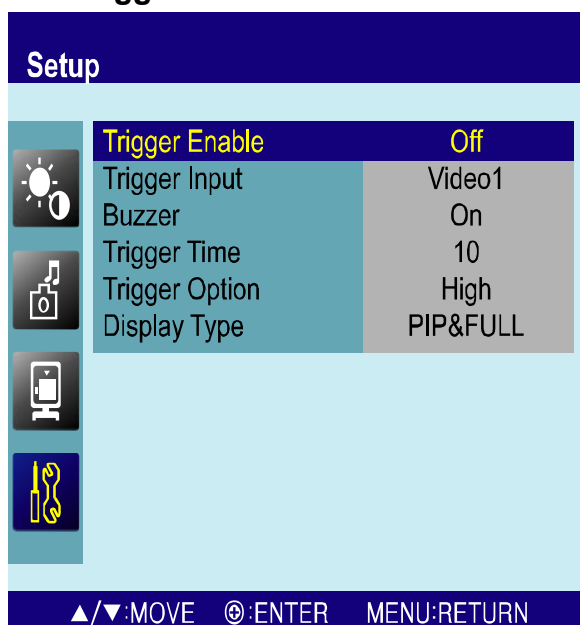
CONTROLS AND FUNCTIONS

6. Trigger



- 1) Press the up(▲) or down(▼) button to select the Trigger.
- 2) Press the right(▶) or SOURCE/📺 button.

6-1. Trigger Enable







- 1) Press the up(▲) or down(▼) button to select the Trigger Enable.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the Menu button to save.

CONTROLS AND FUNCTIONS





6-2. Trigger Input

Setup

   	Trigger Enable	Off
	Trigger Input	Video1
	Buzzer	On
	Trigger Time	10
	Trigger Option	High
Display Type		PIP&FULL

▲/▼:MOVE ⊕:ENTER MENU:RETURN

Setup









   	Trigger Enable	Video1
	Trigger Input	Video2
	Buzzer	RGB PC
	Trigger Time	HDMI
	Trigger Option	High
Display Type		PIP&FULL

▲/▼:MOVE ⊕:ENTER MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Trigger Input .
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Trigger Input option.
- 4) Press the Menu button to save.

CONTROLS AND FUNCTIONS

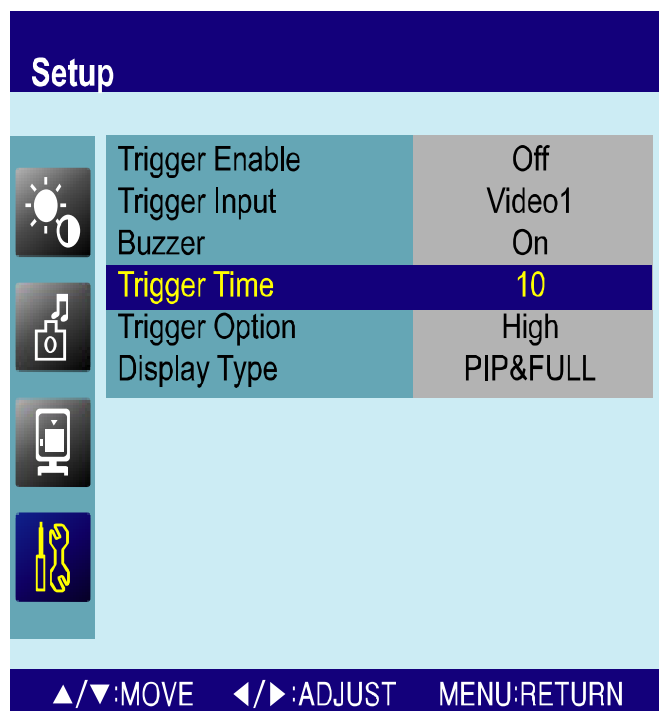
6-3. Buzzer

Setup			Setup		
	Trigger Enable	Off		Trigger Enable	On
	Trigger Input	Video1		Trigger Input	Video1
	Buzzer	On		Buzzer	Off
	Trigger Time	10		Trigger Time	On
	Trigger Option	High		Trigger Option	High
	Display Type	PIP&FULL		Display Type	PIP&FULL
					
					
▲/▼:MOVE ⊕:ENTER MENU:RETURN			▲/▼:MOVE ⊕:ENTER MENU:RETURN		

- 1) Press the up(▲) or down(▼) button to select the Buzzer.
- 2) Press the right(▶) or SOURCE/🖥️ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off.
- 4) Press the Menu button to save.

CONTROLS AND FUNCTIONS

6-4. Trigger Time



- 1) Press the up(▲) or down(▼) button to select the Trigger Time.
- 2) Press left(◀) or right(▶) button to adjust Trigger Time setting.
- 3) Press the MENU button to save.

CONTROLS AND FUNCTIONS

6-5 Trigger Option

Setup

Trigger Enable

Off

Trigger Input

Video1

Buzzer

On

Trigger Time

10

Trigger Option

High

Display Type

PIP&FULL

▲/▼:MOVE ⊕:ENTER MENU:RETURN

Setup

Trigger Enable

On

Trigger Input

Video1

Buzzer

N/C

Trigger Time

N/O

Trigger Option

High

Display Type

Low

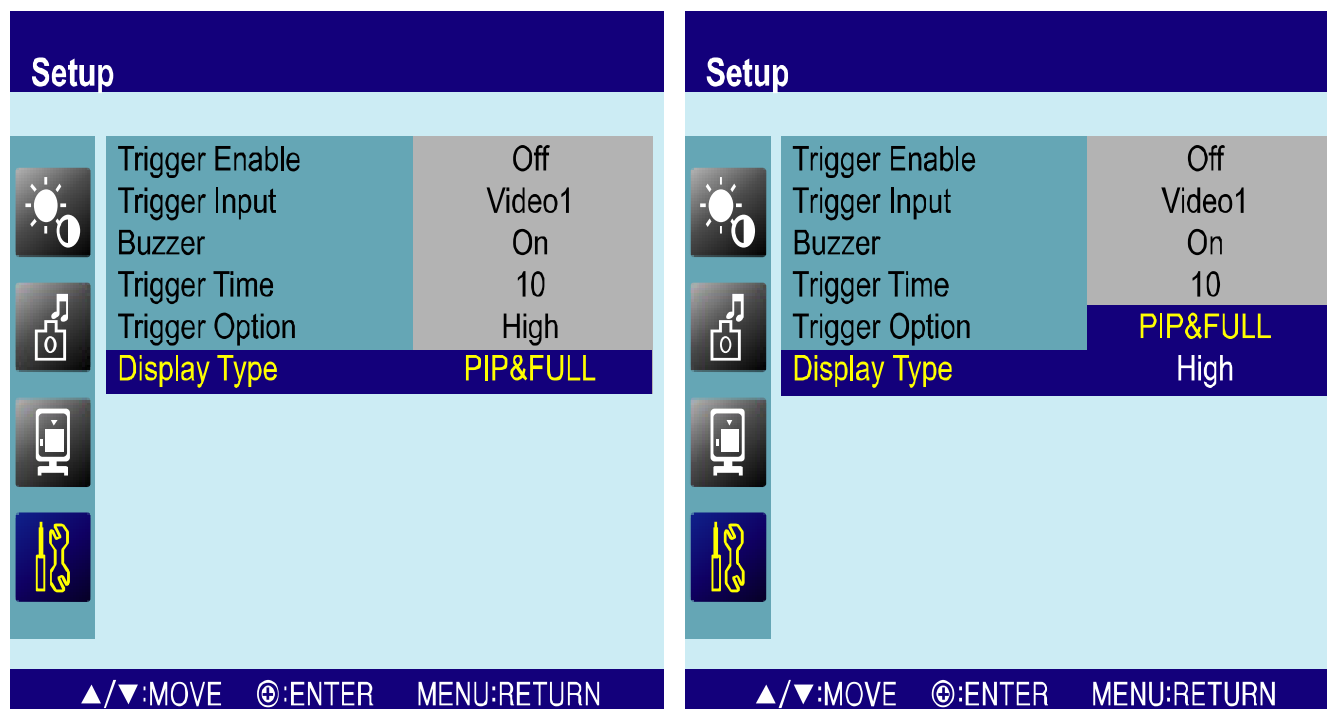
▲/▼:MOVE ⊕:ENTER MENU:RETURN

- 1) Press the up(▲) or down(▼) button to select the Trigger Option.
- 2) Press the right(▶) or SOURCE/📺 button.
- 3) Press the up(▲) or down(▼) button to select the Trigger Option setting.
- 4) Press the Menu button to save.

N/C(Normally Closed): The Trigger function is activated when the trigger cable is opened.	
N/O(Normally Opened): The Trigger function is activated when the trigger cable is closed.	
High: The Trigger function is activated when the trigger signal is DC 2~5[V].	
Low: The Trigger function is activated when the trigger signal is DC 0~0.6[V]. Note: In this case, trigger port has high status electrically, so the trigger cable has to have ground(or earth) status to be activated.	

CONTROLS AND FUNCTIONS

6-6. Display Type



- 1) Press the up(▲) or down(▼) button to select the Display Type.
- 2) Press the right(▶) or SOURCE/□ button.
- 3) Press the up(▲) or down(▼) button to select the Display Type option.
- 4) Press the Menu button to save.

※ PIP & FULL:

When the condition is below, the Trigger Input image will be displayed as PIP.

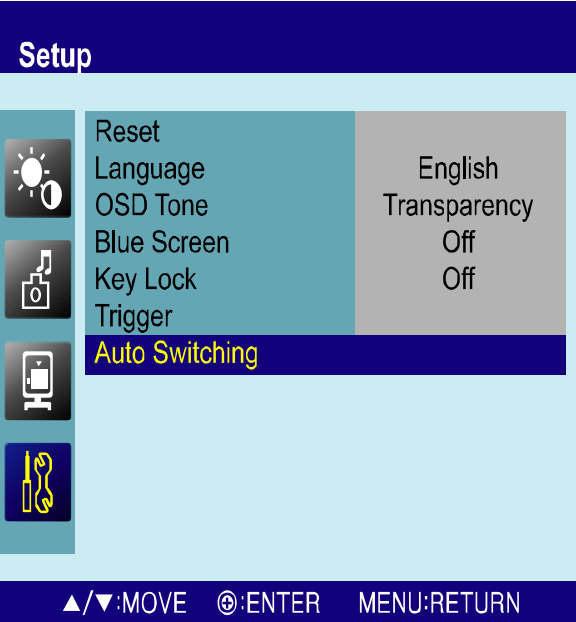
Main	Trigger Input
Video	Video
Video	RGB PC or HDMI
RGB PC or HDMI	Video

Otherwise, it will be displayed as full screen.

※ FULL: The Trigger Input image will be displayed as a full screen.

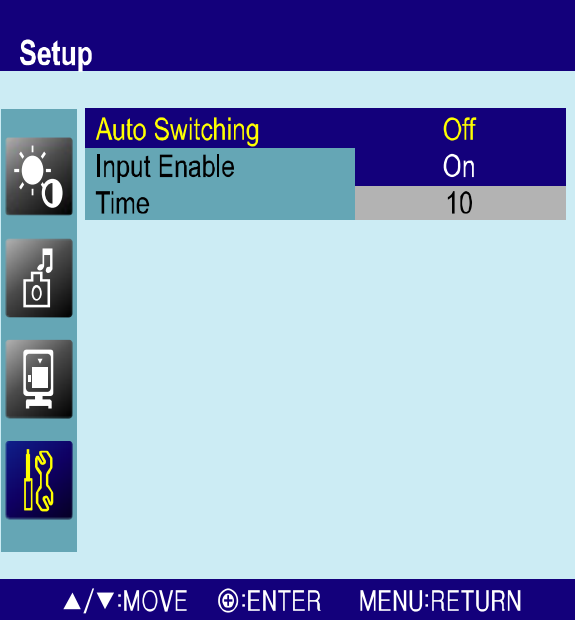
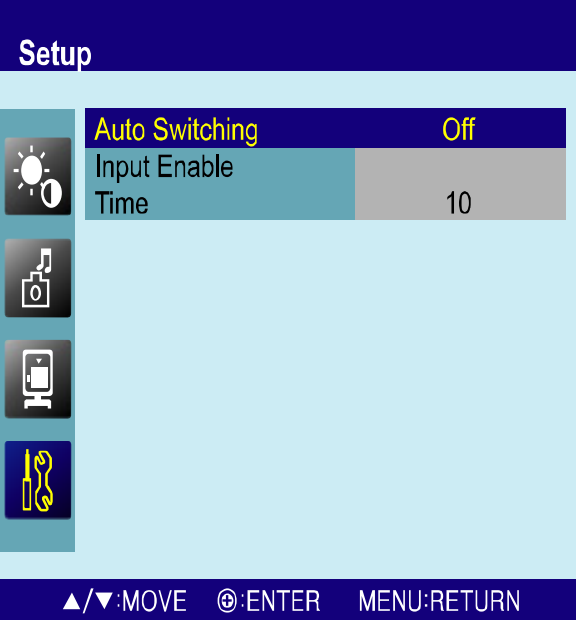
CONTROLS AND FUNCTIONS

7. Auto switching



- 1) Press the up(▲) or down(▼) button to select the Auto switching.
- 2) Press the right(▶) or SOURCE/⏏ button.

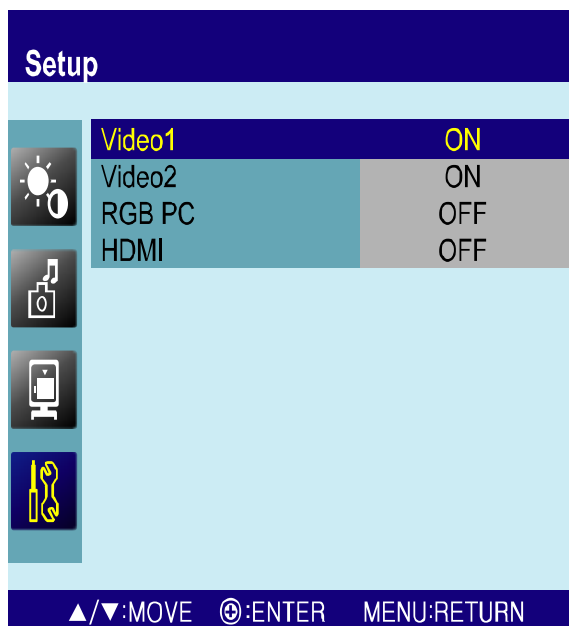
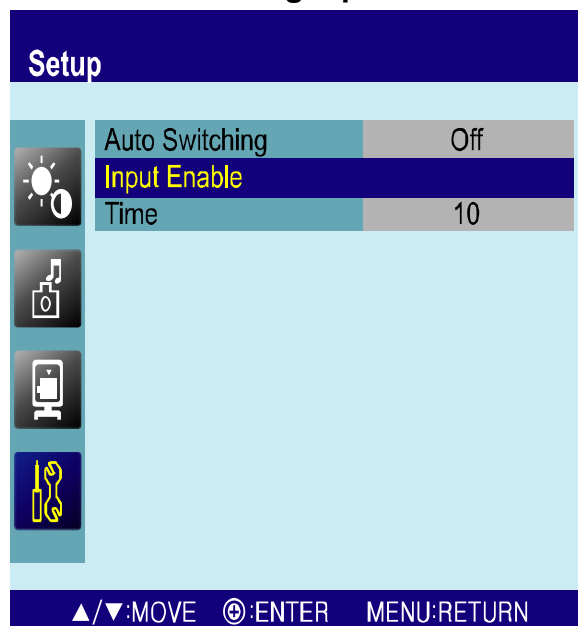
7-1. Auto switching On/Off



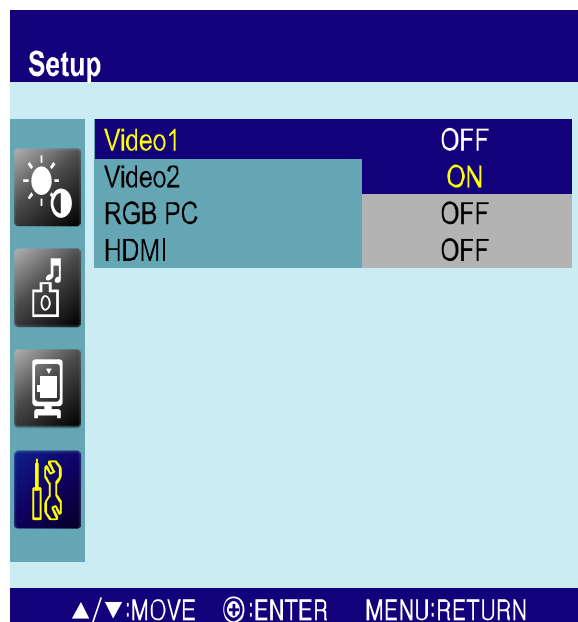
- 1) Press the right(▶) or SOURCE/⏏ button.
- 3) Press the up(▲) or down(▼) button to select the On or Off .
- 4) Press the Menu button to save.

CONTROLS AND FUNCTIONS

7-2. Auto switching Input enabled



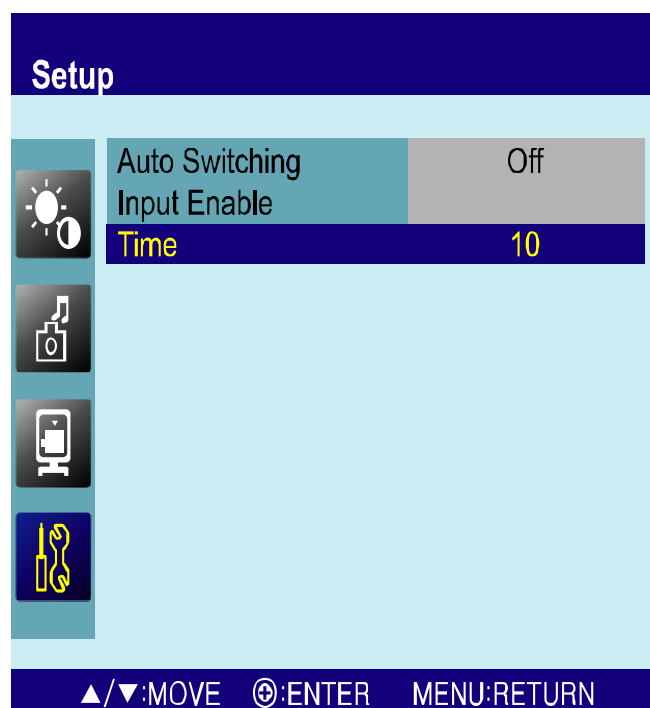
- 1) Press the up(▲) or down(▼) button to select the Inputs enabled.
- 2) Press the right(▶) or SOURCE/⏏ button.
- 3) Press the up(▲) or down(▼) button to select the Input.
- 4) Press the right(▶) or SOURCE/⏏ button.



- 5) Press the up(▲) or down(▼) button to select the On or Off.
- 6) Press the Menu button to save.

CONTROLS AND FUNCTIONS

7-3. Auto switching Time



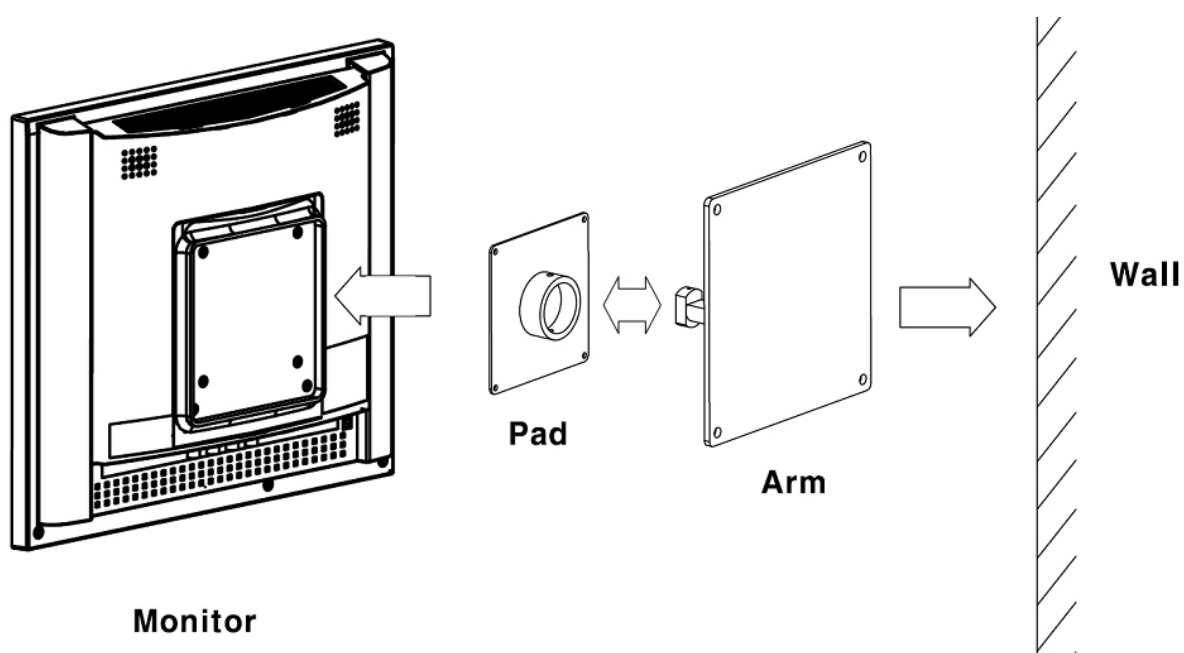
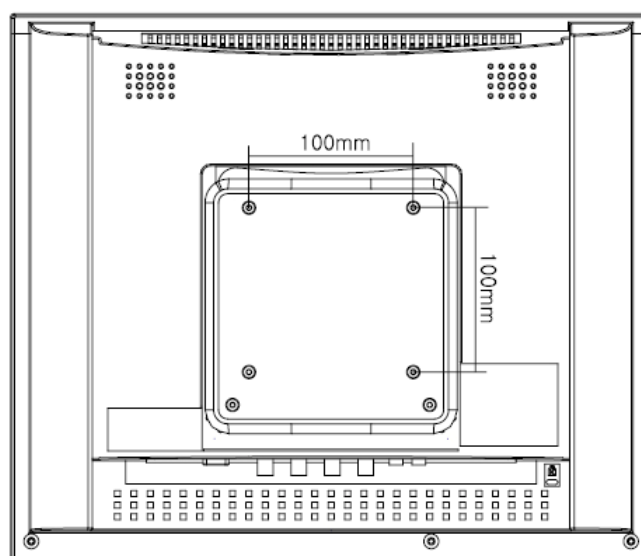
- 1) Press the up(▲) or down(▼) button to select the Time.
- 2) Press the left(◀) or right(▶) button to adjust the Time setting.
- 3) Press the MENU button to save.

MOUNTING GUIDE

Using the VESA standard wall mount design and the 100×100mm hole pattern on the back panel to install the LCD monitor to the wall.

Wall-mount Installation(Optional)

1. The Monitor fixing bracket to the monitor using the fixing screws provided.
2. The monitor fixing bracket assembled with monitor

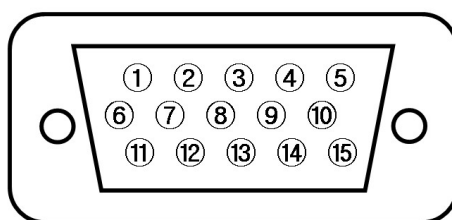


D-SUB CONNECTOR PIN ASSIGNMENTS

► PIN ASSIGNMENTS

Pin 1	RED VIDEO	9	
2	GREEN VIDEO	10	SIGNAL CABLE DETECT
3	BLUE VIDEO	11	GROUND
4	GROUND	12	SDA(for DDC)
5	GROUND	13	H-SYNC.(or H+V SYNC.)
6	RED GROUND	14	V-SYNC.
7	GREEN GROUND	15	SCL(for DDC)
8	BLUE GROUND		

D-SUB



► ACCESSORIES

1. Power cord
2. Power adaptor
3. User's manual
4. PC cable
5. Trigger cable (Option)
6. Stereo cable (Option)
7. Remote controller (Option)
8. Batteries (Option)
9. Wall mount (Option)

POWER MANAGEMENT

POWER CONSUMPTION

MODE	POWER CONSUMPTION	
	17"	19"
ON	< 40W	< 45W
POWER OFF	< 1W	

LED INDICATOR

The power management feature of the monitor is comprised of four stages:
ON(GREEN) and POWER OFF(GREEN OFF).

MODE	LED COLOR	MONITOR OPERATION
ON	GREEN	Normal Operation
POWER OFF	GREEN OFF	Not Operation

SPECIFICATIONS

	17"	19"
LCD-Type	17" Diagonal AM-TFT(Active-Matrix)	19" Diagonal AM-TFT(Active-Matrix)
	Pixel pitch(mm) : 0.264(H) x 0.264(V)	Pixel pitch(mm) : 0.294(H) x 0.294(V)
	BRIGHTNESS: 250cd/m ² (Typical)	BRIGHTNESS: 250cd/m ² (Typical)
	CONTRAST RATIO: 1000:1(Typical)	CONTRAST RATIO: 800:1(Typical)
	RESPONSE TIME: 5msec(Typical)	RESPONSE TIME: 5msec(Typical)
RESOLUTION (H x V)	1280X1024 @60Hz	
FREQUENCY	HORIZONTAL: 31~80KHz VERTICAL: 50~75Hz	
INPUT SIGNAL	VIDEO(2ch input 1.0Vp-p, 75Ω terminated, loop-through out)	
	SYNC(Separate TTL Level)	
	AV(composite) Sound in	
	HDMI(High Definition Multimedia Interface)	
	PC Stereo Sound	
ACTIVE DISPLAY AREA (W x H)	337.9 mm X 270.3 mm	376.32mm X 301mm
PACKING DIMENSIONS (W x D x H)	445mm X 235mm X 475mm (17.52" X 9.25" X 18.7")	500mm X 235mm X 515mm (19.69" X 9.25" X 20.28")
WEIGHT	Net Weight : 5.8kg (12.79 lbs)	Net Weight : 6.5kg (14.33 lbs)
	Gross Weight : 7.6kg (16.76 lbs)	Gross Weight : 8.5kg (18.74 lbs)
ELECTRICAL RATINGS	DC 12V / 3A	DC 12V / 3.5A

►► NOTE :

Technical specifications are subject to change without notice.

TROUBLESHOOTING GUIDE

TROUBLE	TROUBLESHOOTING TIP
No image on display screen	<ol style="list-style-type: none"> 1. Check that power cord of the Monitor have been connected securely into wall outlet or grounded extension cable or strip. 2. Power switch should be in the ON position and LED is lit. 3. Check that the Brightness and/or the Contrast adjustments of the Display have not been turned down to minimum levels.
"NO SIGNAL" message on screen	<ol style="list-style-type: none"> 1. The signal cable should be completely connected to the video card/computer. 2. The video card should be completely seated in its slot and the computer is switched ON.
Display image is not centered, too small or too large in PC mode	Push the down key in front side or Auto key in remote controller.
Vertical or Horizontal noise is present in the picture	Adjust Clock and Phase in the OSD.

WEEE Symbols

**Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)**
(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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